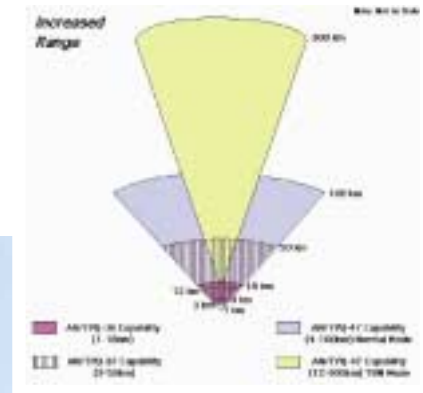
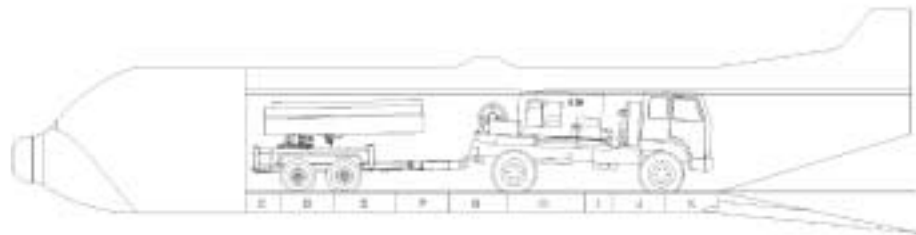


# Firefinder (AN/TPQ-47)



## MISSION

Develop and field the next-generation Firefinder systems with longer range and enhanced target-location capability while reducing manpower and meeting operational support requirements.

## DESCRIPTION AND SPECIFICATIONS

The Firefinder (AN/TPQ-47) system will replace the AN/TPQ-37 Artillery Locating Radar. The AN/TPQ-47 system will double the current AN/TPQ-37 artillery range performance to 60 kilometers, while improving accuracy and target throughput. The AN/TPQ-47 will also provide a new capability for missile and rocket detection at ranges of 150–300 kilometers.

The system will use the standard Army light medium tactical vehicles in a highly mobile, transportable, and survivable configuration that reduces crew size from 12 to 8. The system will be capable of roll-on/roll-off from a single C-130 aircraft for rapid deployment. The program will further leverage the AN/TPQ-36 (V)8 electronics upgrade program by using the same operations central shelter currently being fielded.

## FOREIGN COUNTERPART

European Consortium-Sponsored EuroArt Cobra; Ukraine: 1L220-U.

## FOREIGN MILITARY SALES

None

## PROGRAM STATUS

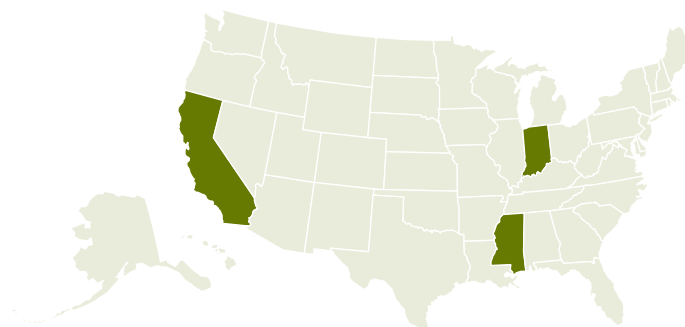
- 1QFY99 Milestone II approval.
- 4QFY99 Start of contract effort with Raytheon Systems; Established partnering agreement with Raytheon.
- 4QFY00 Conducted preliminary design review.
- 3QFY01 Conducted critical design review.

## PROJECTED ACTIVITIES

- 1QFY03 Begin developmental test.
- 2QFY04 Conduct limited user test; Award low rate initial production contract.

## PRIME CONTRACTORS

Raytheon (El Segundo, CA; Forest, MS; Fort Wayne, IN); TRW (Carson, CA)



\* See appendix for list of subcontractors

